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Listing of the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Amendments to the Claims

Claims 1-15 are cancelled.

16.(currently amended) Method for coding a presentation description of audio signals, comprising:

generating a parametric description of a non-point sound source, said parametric description including fields specifying decorrelation information, wherein;

~~linking the parametric description of said sound source with the audio signal of said sound source;~~

~~describing the wideness of a non-point sound source by means of said parametric description, wherein a shape approximating said non-point sound source is defined; and~~

~~assigning~~ to a first field, a value is assigned which specifies one of several decorrelations to be applied to said non-point sound source, whereby in case of ~~order to allow~~ the usage of the same audio signal for more than one non-point sound source, for each of said non-point sound sources, a different value is assigned to apply different decorrelations to each of said non-point sound sources; and

wherein to a second field a value is assigned which specifies the decorrelation strength of the specified decorrelation to be applied to said non-point sound source; and

linking the parametric description of said non-point sound source with the audio signal of said non-point sound source.

17.(previously presented) Method according to claim 16, wherein separate sound sources are coded as separate audio objects and the arrangement of the sound sources in a sound scene is described by a scene description having first nodes corresponding to the separate audio objects and second nodes describing the

presentation of the audio objects and wherein a second node describes the wideness of a non-point sound source and defines the presentation of said non-point sound source by multiple decorrelated point sound sources.

18.(cancelled)

19.(previously presented) Method according to claim 16 , wherein the size of the defined shape is given by parameters in a 3D coordinate system.

20.(previously presented) Method according to claim 19, wherein the size of the defined shape is given by an opening-angle having a vertical and a horizontal component.

21.(previously presented) Method according to claim 16, wherein a complex shaped non-point sound source is divided into several non-point sound sources each having a shape approximating a part of said complex shaped non-point sound source and wherein the same audio signal is used for each of said several non-point sound sources.

22.(currently amended) Method for decoding a presentation description of audio signals, comprising:

receiving an audio signal ~~signals~~ corresponding to a non-point sound source;

receiving ~~linked with~~ a parametric description of said non-point sound source,

wherein said parametric description is linked with said audio signal and includes fields specifying decorrelation information, wherein

wherein to a first field, a value is assigned which specifies one of several decorrelations to be applied to said non-point sound source, whereby in case of the usage of the same audio signal for more than one non-point sound source, for each of said non-point sound sources, a different value is assigned to apply different decorrelations to each of said non-point sound sources, and

wherein to a second field, a value is assigned which specifies the decorrelation strength of the specified decorrelation to be applied to said non-point sound source;

evaluating at least one of said fields specifying said decorrelation information included in the parametric description of said non-point sound source ~~for determining the wideness of a non-point sound source, wherein said parametric description includes a definition of a shape approximating said non-point sound source~~; and

selecting, ~~one of several decorrelations for the audio signal of said non-point sound source~~ depending on a value assigned to a field ~~corresponding indication~~ in said parametric description, one of the following:

one of several decorrelations for the audio signal of said non-point sound source,

the strength of the decorrelation of a selected decorrelation.

23.(previously presented) Method according to claim 22, wherein audio objects representing separate sound sources are separately decoded and a single soundtrack is composed from the decoded audio objects using a scene description having first nodes corresponding to the separate audio objects and second nodes describing the processing of the audio objects, and wherein a second node describes the wideness of a non-point sound source and defines the presentation of said non-point sound source by means of multiple decorrelated point sound sources emitting decorrelated signals.

24.(cancelled)

25.(previously presented) Method according to claim 22 , wherein the size of the defined shape is determined using parameters in a 3D coordinate system.

26.(previously presented) Method according to claim 25, wherein the size of the defined shape is determined using an opening-angle having a vertical and a horizontal component.

27.(previously presented) Method according to claim 22, wherein several non-point sound sources shapes each having a shape approximating a part of a complex shaped non-point sound source are combined to generate an approximation of said complex shaped non-point sound source and wherein the same audio signal is used for each of said several non-point sound sources.

28.(currently amended) Apparatus for coding a presentation description of audio signals, comprising:

means for generating a parametric description of a non-point sound source, said parametric description including fields specifying decorrelation information, wherein;

~~linking the parametric description of said sound source with the audio signal of said sound source;~~

~~describing the wideness of a non-point sound source by means of said parametric description, wherein a shape approximating said non-point sound source is defined; and~~

~~assigning~~ to a first field, a value is assigned which specifies one of several decorrelations to be applied to said non-point sound source, whereby in ~~order to allow~~ case of the usage of the same audio signal for more than one non-point sound source, for each of said non-point sound sources, a different value is assigned to apply different decorrelations to each of said non-point sound sources; and

wherein to a second field, a value is assigned which specifies the decorrelation strength of the specified decorrelation to be applied to said non-point sound source; and

means for linking the parametric description of said sound source with the audio signal of said sound source.

29.(currently amended) Apparatus for decoding a presentation description of audio signals, comprising:

means for receiving an audio ~~signals~~ signal corresponding to a non-point sound source;

means for receiving ~~linked with~~ a parametric description of said non-point sound source,

wherein said parametric description is linked with said audio signal and includes fields specifying decorrelation information,

wherein to a first field, a value is assigned which specifies one of several decorrelations to be applied to said non-point sound source, whereby in case of the usage of the same audio signal for more than one non-point sound source, for each of said non-point sound sources, a different value is assigned to apply different decorrelations to each of said non-point sound sources, and

wherein to a second field, a value is assigned which specifies the decorrelation strength of the specified decorrelation to be applied to said non-point sound source;

means for evaluating at least one of said fields specifying said decorrelation information included in the parametric description of said non-point sound source ~~for determining the wideness of a non-point sound source, wherein said parametric description includes a definition of a shape approximating said non-point sound source~~; and

means for selecting, ~~one of several decorrelations for the audio signal of said non-point sound source~~ depending on a value assigned to a field ~~corresponding indication~~ in said parametric description, one of the following:

one of several decorrelations for the audio signal of said non-point sound source,

the strength of the decorrelation of a selected decorrelation.